It is Sunday the 22nd November 2009 and here is ANARTS with our weekly RTTY news bringing you - cast 1570.
Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.
Items in this broadcast include
1. IPS Report
2. OPDX Bulletin
3. Anarts Information
A.N.A.R.T.S. News Bulletin 1570 for 22nd November 2009
Now You Know!: It's All Greek to Me
Ask any high school physics student and they'll tell you that electrons govern pretty much everything we do. We call electrons in motion an electrical current, and those radio waves that we hams are so fond of are the result of high frequency electrons travelling in our antenna conductors. Think of a 40 meter wave as an accidental tourist who wants to go somewhere (somewhere nice and warm, maybe a rare DX station). But how to get there? It needs some mode of transport -- think of electrons as the transport providers.
We use our transmitters to move the electrons in our antennas to-and-fro to produce radio waves, hopefully to that rare DX destination. When the radio waves get there, they set electrons in another antenna in motion. That current -- electrons in motion -- is amplified and detected at the receiving location and a QSO is made.
But why do we call them electrons? The ancient Greeks noticed that amber attracted small objects when rubbed with fur; apart from lightning, this phenomenon is thought to be man's earliest known experience of electricity. Back in the year 1600, the English physician William Gilbert -- in his treatise De Magnete -- coined the New Latin term electricus to refer to this property of attracting small objects after being rubbed. Both electric and electricity are derived from the Latin Ã„â€œlectrum, which came from the Greek word Ã„â€œlektron for amber. Now you know!
From the ARRL Letter 19th November 2009

IPS Weekly Solar and Geophysical Report for 13th to 19th November 2009, issued
On 20th November by IPS Radio and Space Services.
SUMMARY

Date	13	14	15	16	17	18	19
10cm flux	74	75	75	76	77	76	77
AFr index	2	3	3	0	0	2 (	2 estimated)
Aaus index	4	9	7	3	2	4 (	4 estimated)
T index	-17	-6	-17	-10	-12	-1	-2

Solar flare activity was very low all week.
Geomagnetic activity observed for the Australian region was quiet on 13th, and 16th to 19th; mostly quiet with isolated unsettled periods on 14th; and quiet to unsettled on 15th.
Southern Australian ionospheric F2 critical frequencies were near predicted on 13th, 15th, 17th and 19th; near predicted to 15 per cent enhanced on 14th and 18th; and depressed 15 per cent to near predicted on 16th.
Forecast for 20th to 26th November,
Solar activity should be low.
Geomagnetic activity should see quiet to unsettled conditions.
Maximum usable frequencies should be near predicted monthly values.
Courtesy of IPS Radio and Space Services
Summary by Pat Leeper VK2JPA

ARLD046 DX news for 19th November
TUNISIA, 3V. A group of operators will be QRV as 3V3S from November 23 to December 2. Activity will be on all bands and modes. QSL via DL9USA.
GHANA, 9G. Alan, G3XAQ is QRV as 9G5XA from Accra until December 4. Activity is on 160 to 10 meters using CW. QSL via G3SWH.
BOTSWANA, A2. Mike, K9NW will be QRV as A25NW from November 23 to December 1. This includes being an entry in the upcoming CQ WW DX CW contest. QSL to home call.
OMAN, A4. In celebration of the Oman National Holiday, members of the Royal Omani Amateur Radio Society are QRV as A43ND until November 25. Activity is on all bands. QSL via A47RS.
UNITED ARAB EMIRATES, A6. A group of operators will be QRV as A65DLH from Dubai from November 23 to 30. This includes being an

entry in the upcoming CQ WW DX CW contest. Activity will be on 160 to 10 meters using CW, SSB and various digital modes. QSL via DO7ZZ.
PORTUGAL, CT. Members of the Algarve STAR DX Team will be QRV as CR6A from the Fuzeta-Barra Lighthouse, ARLHS POR-116, on Armona Island on November 22. Activity will be from 0700 to 1300 on 40 to 15 meters using CW, SSB and RTTY. QSL via CT1GFK.
CANARY ISLANDS, EA8. Jean, ON5JV and Georgette, ON6AK are QRV as EA8/home calls from Tijoco Bajo on Tenerife, IOTA AF-004, until February 10. Activity is on 40 to 10 meters mainly during their evening hours. QSL to home calls.
NEW CALEDONIA, FK. Akira, JA1NLX is QRV as FK/home call from the Ouvea Islands, IOTA OC-033, until November 23. Activity is on 80 to 10 meters using CW and RTTY. QSL to home call.
BONAIRE, CURACAO, PJ2. John, K4BAI and Don, W4OC will be QRV as PJ4/home calls from Bonaire, IOTA SA-006, from November 24 to December 1. This includes being an entry as PJ4A in the upcoming CQ WW DX CW contest. QSL all calls via K4BAI.
PALAU, T8. Pista, HA5AO will be QRV as T88CI from Koror Island, IOTA OC-009, from November 25 to December 10. Activity will be holiday style on 80 to 10 meters, and possibly 160 meters, using mainly CW. He may also try SSB and RTTY. This includes being an entry in the upcoming CQ WW CW contest. QSL to home call.
CHAD, TT. Jovica, E78A is QRV as TT8JT from Abeche for about three weeks. Activity is on the HF bands using mainly CW. QSL via E73Y.
BELIZE, V3. Pete, K8PT will be QRV as V31PT from Ambergris Cay, IOTA NA-073, from November 24 to December 5. Activity is on 40 to 10 meters using CW, SSB and RTTY. QSL to home call.
NAMIBIA, V5. Klaus, DJ4SO will be QRV as V5/home call from November 23 to December 15. Activity will be on 160 to 10 meters using CW, RTTY or PSK31. QSL to home call.
CHRISTMAS ISLAND, VK9X. Harry, DM5TI, Rene, DL2JRM, Thomas, DL2RMC and Sid, DM2AYO will be QRV as VK9XX from November 21 to December 5. Activity will be on 160 to 10 meters using CW, SSB and various digital modes. They will be QRV as VK9XW in the upcoming CQ WW DX CW contest. QSL both calls via DL1RTL.
INDIA, VU. Amateur Radio operators in India have recently been authorized to transmit between 7100 and 7200 kHz, now giving them use from 7000 to 7200 kHz.

The Ohio/Penn DX Bulletin No. 934 â€“ excerpts
5R, MADAGASCAR (IOTA Op)
Just a reminder that Eric, F6ICX, will be active as 5R8IC from Saint Marie Island (AF-090) between November 17th and December 15th. Activity will be on 80-10 meters. QSL via his home callsign.
6W, SENEGAL
Operators Tom/GM4FDM and Ronald/PA3EWP are planning a DXpedition to Le Calao between January 26th and February 9th (2010). They will sign as 6W/GM4FDM and 6W/PA3EWP. Activity will be concentrated on the low bands and RTTY, with an emphasis on North America and Japan. Tom will attempt to upload his logs on LoTW (InterNet permitting), if not, he will upload them as soon as he arrives home. QSL 6W/GM4FDM via GM4FDM. QSL 6W/PA3EWP via PA7FM.
9G, GHANA
The Italian team is now active from Busua Beach until November 27th. Look for the group to activate Abokwa Island (AF-084) with one station on 20 meters only during their stay. The time of operation on the island will be planned day by day pending the sea condition and weather forecast. Activity will be on all HF bands and modes, 80-10 meters. The callsign 9G5TT will be used from the mainland while the callsign 9G5XX will be used from Abokwa Island. Operators mentioned are: Alfeo/I1HJT, Silvano/I2YSB, Carlo/IK1AOD, Vinicio/IK2CIO, Angelo/IK2CKR, Marcello/IK2DIA, Stefano/IK2HKT, and Donato/IZ2CHO. QSL via I2YSB, direct only. For more information and updates, go to:
http://www.i2ysb.com

A3, TONGA
Paul, A35A, informs OPDX that Dave Lee, W6ZL/A35KL, has arrived in Nuku'alofa on the Island of Tongatapu (OC-049) the morning of November 11th. He will be in Tonga for about 6 weeks, but he probably won't be on the air until he gets to Ha'apai (OC-169). Pauls states, "He had no trouble clearing customs with all the radio gear and a brand-new Honda generator. Dave will remain in Nuku'alofa until the 20th, and then will fly up to Ha'apai. Tomorrow, however, he will airfreight all the gear to Lifuka Island, and the overhaul of the A35A station will then commence! The 'to do' list includes lots of antenna work, installation of additional filters in the K3, and re-wiring the shack. We're still 'on' for the CQWW CW contest."
A4, OMAN (Special Event)
Members of the Royal Omani Amateur Radio Society have activated special event station A43ND in celebrating Oman's "National Day". Activity will last until November 25th. Operations have been on 40/20 meters CW and 20/15 meters SSB, but look for activity on other bands and modes. QSL via A47RS.
A6, UNITED ARAB EMIRATES
The LARC (Lufthansa Amateur Radio Club) in cooperation with the Emirates Amateur Radio Society (EARS) will be operating out of Dubai as A65DLH between November 23-30th. Activity is planned for all bands 160-10 meters using CW, SSB and the Digital modes. They will also be in the CQWW DX CW Contest (November 28-29th). They will QSL via the Bureau, but if you want to QSL direct, please only use the new IRCs as they will not be ready to print and distribute QSLs by December 2009. QSL via DO7ZZ. A blog has been set up at:
http://a65dlh.blogspot.com
C9, MOZAMBIQUE
With the support of the Kharkov University Contest Club (UT7L), operator Igor, UY5LW, is once again active as C91LW from Maputo until December 3rd. He has been on the air since November 13th. Activity will be on 80-10 meters using mostly CW with some RTTY and PSK operations. He will also be in the CQWW DX CW Contest (November 28-29th) as a Single- Op/All-Band/High-Power entry. Activity on 160 meters will depend upon his situation, however skeds are welcome at:
uy5lw@ukr.net
QSL via UY5LW direct (QRZ.com). For more details, updates, logs and photos, please visit:
http://www.c91lw.dxer.com.ua
D2, ANGOLA (Update)
Paulo, CT1ITZ, continues to be active, but is now signing D2CQ (instead of D2PJB) from Porto Amboim, 300km from the capital Luanda, until November 29th. Activity is expected to be on 80-10 meters SSB only. However, his activity so far has been on 20 meters. He is using an Icom 706 and a Windom antenna. QSL via CT1IUA. For direct QSL, please send 2 USDs or one new IRC (ending 2013). QSLs without enough postage will go via Bureau.
DXCC NEWS
* Bill Moore, NC1L, ARRL Awards Branch Manager, reports that the following operation is approved for DXCC credit:
YI9TM - Iraq; Current Operation
* 7O1YGF REMINDER. Bill Moore, NC1L, ARRL Awards Branch Manager, states: "This is a reminder that free update for 7O1YGF Yemen cards will expire on December 31, 2009. Starting January 1, 2010 normal submission fees will apply. If you are planning to submit an update for this operation I strongly recommend that you do not wait for the last minute as mail around the holiday season is very heavy and delays can occur. All DXCC needs is the card and SASE, or, in LoTW do an application with just 7O1YGF and remember to select payment by mail on Part four and leave the paper QSO number at zero on Part two."
IOTA NEWS
AS-079. Take, JI3DST, will once again be active as either JS6RRR or JI3DST/JS6 from the Miyako Islands between November 21-30th. His activity will include the CQWW DX CW Contest (November 28-29th). He will operate mainly from Miyako-Jima (JIIA AS-079-005), but he may also operate from Ikema-Jima (AS-079- 001) and Kurima-Jima (AS-079-003). QSL by the Bureau only.
EU-125. Juergen, DL4MAQ, will be active as OZ/DL4MAQ from Roemoe Island (DIA NS-001), in the Jylland West Group, between December 12-19th. QSL via his home

callsign.
NA-153. (Update) Operators Zalo/XE3N, Jose/XE3PP, Benigno/XE2WK and Juan/XE3RR will be active as XF3RR from Isla Cerrito between December 10-14th. This operation is organized by the Radio Club Cancun, and it will be a low scale operation as the island is a protected area. QSL via EB7DX. Suggested frequencies are:
SSB - 3790, 7060, 14260, 18140 and 21260 kHz
RTTY - 3585, 7044, 10104, 14085, 18104 and 21085 kHz
KP2, U.S. VIRGIN ISLANDS
Operators John/K3CT and John/K3TEJ will be active as KP2/K3CT and KP2/K3TEJ, respectively, between November 24th and December 1st. Activity will include the CQWW DX CW Contest (November 28-29th) as a Multi-? entry using the callsign KP2M. Outside of the contest, their activity "usually" will have an emphasis on 160m and 30/17/12 meter bands using CW and RTTY. QSL KP2M via AI4U. QSL their KP2/homecall to their home addresses.
PACIFIC TOUR
Just a reminder that Chris, DO7AG, is expected to be in the South Pacific with his family between November and January. He plans to be active as 5W1QX from Western Samoa and A31CE from Tonga. Activity will only be on 40 and 20 meters (this is due to the type of license he has). Complete dates of activation have not been announced yet. Be listening.
PACIFIC DXPEDITION/TOUR (Update/Reminder)
Operators Andrea/IK1PMR, YL Claudia/K2LEO/PA3LEO, Wil/PA0BWL, Joe/AA4NN, Franz/OE2SNL and Gerhard/DJ5IW are expected to be active from the following Pacific location between now and December 18th. The tentative schedule is as follows:
Tonga (A3) - November 19th- December 1st; Otuhaka Beach Resort on the western side of the Island of Tongatapu (OC-049).
New Zealand (ZL) - December 2-5th; Waiheke Island (OC-201); Callsigns are: ZL/IK1PMR, ZL/PA3LEO, ZL/PA0BWL, ZL/OE2SNL, ZL/DJ5IW and ZL/DJ7JC.
South Cook Islands (E5) - December 5-12th; Rarotonga (OC-013); Callsigns are: E51PMR, E51LEO, E51BWL, E51SNL, E51XIW and E51NAA.
Singapore (9V) - December 15-17th; Callsigns are: 9V1/IK1PMR, 9V1/PA3LEO, 9V1/PA0BWL and 9V1/DJ7JC.
Activity is planned for 160-10 meters using CW, SSB and the Digital modes. The team will use three Elecraft K2/100 with DSP and amps. For more information and updates, watch:
http://www.pacificdxpedition.com/index.php?s=intro
TO4/FG, GUADELOUPE
Serge, F6AUS, will be active as FG/homecall from Les Saintes (NA-114) until March 2010. His activity will include contests, but he will be using the callsign TO4D. Look for him to possibly be on 160 and 80 meters. QSL via his home callsign.
TT8, CHAD
Jovica, E78A (aka 6W1SJ, ex. T98A, ST0RM, ST2A), who has been in Chad since September 25th, has received his renewed TT8JT license and will be on the bands during the next three or four weeks from Abeche (GL: KK03KU). As in 2008, the main purpose of Jovica's travel to Chad is his work for United Nations High Commissioner for Refugees (UNHCR). Activity will be mostly CW during his free time.
TX3, CHESTERFIELD ISLAND
Operators George/AA7JV and Tomi/HA7RY continue to be active as TX3A until December 6th. As of print time, their log shows about 16k QSOs. Activity has be on all HF bands but with an emphasis on the lower bands. Modes used have been on CW, SSB and RTTY. QSL via HA7RY. For more detailed information and updates, visit their Web page at:
http://www.TX3A.com

The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.
73â€™s from Pat VK2JPA broadcast Officer.